

# **INTERMEDIATE WEB DEVELOPMENT LESSON PLAN**

## **OBJECTIVES:**

- Explain the importance of other tools besides text editors to create Web pages or Web sites.
- Create, edit and save web pages using HTML some of these tools.

## **MATERIALS**

- Computers with Internet access and Web browsers.
- Notepad or any other text editor
- Microsoft FrontPage or any other Web development professional software.

## **PROCEDURES**

1. Begin the lesson by asking students what they think about HTML now that they have used it and ask them to name all the tools they know to create Web pages (diagnostic evaluation). Then, define Web authoring, types of tools that can be used for it and give some examples of them.
2. Before using this tool, show them how to create hyperlinks in HTML so you can compare it to creating links with more advance tools.
3. Discuss Microsoft FrontPage (or the equivalent tool of your choice) and its ability to create Web sites in addition to simple web pages very quickly.
4. Demonstrate with this software how to create a Web site with a single web page, enter text and do some basic formatting of it.
5. Show students how to add pictures and change some of the page attributes. Have students recreate this exercise.
6. Explain students the concept of frames and demonstrate how to use inline frames; the simplest type of frame.
7. Show students how to add or change the theme of the frame and the rest of their pages.
8. Show them how to create a sample Website with one inline frame that displays the content of other pages.
9. Assign individual and group homework.

## **EVALUATION**

- Diagnostic evaluation to know the degree of knowledge that a student has about the topic to be discussed (No numeric grade is assigned)
- Numeric evaluation (individual and group work) using your preferred scale.
- Numeric evaluation for class participation.

## **REFERENCES**

*Wikipedia*

<http://wikipedia.org/>

*Microsoft Office FrontPage 2003 QuickSteps*

*Matthews, M., Cronan J. and Poulsen, E.*

<http://www.osborne.com>

## **VOCABULARY**

- List and define the new concepts and terms for the students.

## **CREDIT**

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